COURSE DETAIL

ASTROBIOLOGY
Country United Kingdom - Scotland
Host Institution University of Edinburgh
Program(s) University of Edinburgh
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Physics
UCEAP Course Number 119
UCEAP Course Suffix
UCEAP Official Title ASTROBIOLOGY
UCEAP Transcript Title ASTROBIOLOGY
UCEAP Quarter Units 8.00
UCEAP Semester Units 5.30

Course Description
Astrobiology is an interdisciplinary science that examines the origin, evolution, distribution, and future of life in the universe. Areas that fall within its boundaries include the formation of planets and stars, the development of habitable conditions on planets, the origin of life, the evolution of life, life's limits in extreme environments, and the potential for life on other planets. The course provides a framework for introducing a wide range of topics in astronomy, physics, earth sciences, chemistry, and biology at introductory level. Students study the structure of life, the origin of life, past and present conditions on Mars and icy worlds such as Europa, the search for extrasolar planets, and the possibility of detecting signatures of life elsewhere.

Language(s) of Instruction
English

Host Institution Course Number
PHYS08051

Host Institution Course Title
ASTROBIOLOGY

Host Institution Course Details
http://www.drps.ed.ac.uk/24-25/dpt/cxphys08051.htm

Host Institution Campus
Edinburgh

Host Institution Faculty

Host Institution Degree

Host Institution Department
Physics and Astronomy

Course Last Reviewed
2024-2025

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